

PTO/US 08A (08-03)
 JUN 21 2004
 U.S. PATENT AND TRADEMARK OFFICE

Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

Sheet 1 of 1

Complete if Known

Application Number	10/734,797
Filing Date	12/11/2003
First Named Inventor	Michael J. Sullivan
Art Unit	3711
Examiner Name	R. Gordon
Attorney Docket Number	P-4553-C1-D1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,016,887	05-21-1991	Jonkouski	
		US- 5,018,741	05-28-1991	Stiefel, et al	
		US- 5,024,444	06-18-1991	Yamagishi, et al	
		US- 5,033,750	07-23-1991	Yamagishi, et al	
		US- 5,308,076	05-03-1994	Sun	
		US- 5,332,226	07-26-1994	Kim	
		US- 5,518,246	05-21-1996	Moriyama, et al	
		US- 5,564,708	10-15-1996	Hwang	
		US- 5,735,756	04-07-1998	Stiefel, et al	
		US- 5,813,924	09-29-1998	Yamagishi, et al	
		US- 5,890,974	04-06-1999	Stiefel, et al	
		US- 5,935,023	08-10-1999	Maehara, et al	
		US- 6,039,660	03-21-2000	Kasashima, et al	
		US- 6,179,731	01-30-2001	Shimosaka, et al	
		US- 6,663,511	12-16-2003	Sullivan	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² Number ³ Kind Code ⁴ (if known)				

Examiner Signature		Date Considered	2-15-05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.